Index of Claims

| Application/ | Control No. |
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09/966,803

Examiner

SHORT ET AL.

Applicant(s)/Patent under Reexamination

Art Unit

Delia M. Ramirez

1652

| <b>√</b> | Rejected |
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| 11       | Allowed  |

(Through numeral) Cancelled Restricted

Non-Elected Ν ı Interference

Appeal Α o Objected

| CI           | Claim Date    |  |              |          |                 | Cla          | Claim           |                 | Date            |          |       |          |  |              |          | ]              | CI       | Date   |  |         |       |       |          |              |          |                 |                |                    |                 |                   |                   |          |
|--------------|---------------|--|--------------|----------|-----------------|--------------|-----------------|-----------------|-----------------|----------|-------|----------|--|--------------|----------|----------------|----------|--|--|---------|-------|-------|----------|--------------|----------|-----------------|----------------|--------------------|-----------------|-------------------|-------------------|----------|
|              | $\overline{}$ |  |              | ٦,       |                 |              |                 |                 | П               |          |       |          |  |              |          |                |          |  | Т  |         |       |       |          | b            |          | П               | П              | П                  | П               |                   |                   | $\neg$   |
| ल            | Original      | 4/1/05   |              |          |                 |              |                 |                 |                 |          | ख     | Original | 4/1/05   |              |          |                |          |  | -  |         |       | ल     | Original | 41.105       |          |                 | il             | ıl                 | ıl              |                   |                   | Ī        |
| Final        | ij            | 3  |              |          |                 |              |                 |                 |                 |          | Final | īj       | 3  |              |          |                |          |  |  |         |       | Final | ē        | 1/           |          |                 | ıl             | ıl                 | ıl              |                   | i                 |          |
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|              | 1             | t  | _            | -        | П               |              | П               | П               | Н               |          |       | 51       | 7  | ۲,           |          |                | $\Box$   | 7  | _  |         |       |       | 101      | V            |          | $\Box$          | П              | П                  | $\Box$          | ヿ                 | 寸                 | ╡        |
|              | 2             | <del>                                     </del> | $\vdash$     |          | Н               |              | Н               | П               | H               |          |       | 52       |  | Ė            |          |                |          | 7  | +  | +       | 1     |       | 102      | П            |          | $\Box$          |                | П                  | $\sqcap$        | ヿ                 | ╛                 | $\neg$   |
|              | 3             | +-   | $\vdash$     |          | Н               | $\vdash$     | Н               | П               | Н               | _        |       | 53       | Н  |              |          | Н              | $\Box$   | $\dashv$   | _  | _       | 1     |       | 103      | $\top$       | $\vdash$ | Н               | П              | П                  | $\sqcap$        | 一                 | ヿ                 | $\neg$   |
|              | 4             | $\vdash$   | $\vdash$     |          | П               | -            | Н               |                 | H               |          |       | 54       | +  | Н            | Т        |                | $\dashv$ | $\dashv$   | _  | _       | 1     |       | 104      | ン            |          | $\Box$          | П              | П                  | $\sqcap$        | _                 | $\dashv$          | ┪        |
|              | 5             | $\vdash$   | $\vdash$     | _        | Н               |              | Н               | П               | Н               |          |       | 55       | 1  | Г            |          | Н              | $\dashv$ | 十  | _  |         | 1     |       | 105      | Ō            | _        | $\Box$          | П              | П                  | $\sqcap$        | _                 | $\dashv$          | ᅥ        |
|              | 6             | t  | _            | _        | Н               |              | Н               | Н               | Н               |          |       | 56       | ۲  | Н            | _        | Н              |          | 寸  | $\top$   | +-      | 1     |       | 106      | 7            |          | Н               | М              | П                  | П               | 一                 | 十                 | ᅥ        |
|              | 7             |  | $\vdash$     |          | H               | -            |                 | Н               | H               |          |       | 57       | _  |              | _        |                |          | $\dashv$   | 十  | $\top$  | 1     |       | 107      | V            |          | Н               | П              | П                  | П               |                   | 寸                 | ᅱ        |
|              | 8             | ┢  | T            | <u> </u> | H               |              | H               | П               | Н               |          |       | 58       |  |              |          |                |          | 寸  | $\top$   |         | 1     | -     | 108      |              |          | П               | П              | П                  | $\Box$          | $\neg$            | 7                 | ᅦ        |
| _            | 9             | H  | H            | H-       | $\vdash$        | _            | Н               | Н               |                 | _        |       | 59       | <del> </del>   | _            | _        | Н              |          | $\dashv$   | +  | +       | 1     |       | 109      | _            |          |                 | П              | П                  | $\vdash$        | $\dashv$          | 寸                 | $\dashv$ |
|              | 10            | ╁╴   | $\vdash$     | _        | Н               | H            | H               | Н               | $\vdash$        |          |       | 60       | H  | H            |          |                | $\dashv$ | 十  | $\dashv$   | _ _     | 1     |       | 110      | $\vdash$     |          | $\vdash$        | П              | П                  | $\sqcap$        | $\neg \uparrow$   | $\dashv$          | ᅱ        |
| <del></del>  | 11            | H  | <del> </del> | -        | Н               |              | H               |                 | $\vdash$        |          | _     | 61       | ┢  | <del> </del> |          |                | $\dashv$ | $\dashv$   | $\dashv$   | +       | 1     |       | 111      |              |          | $\vdash$        | $\vdash$       | $\overline{}$      | $\vdash$        | $\dashv$          | $\dashv$          | 一        |
| $\vdash$     | 12            | t  | $\vdash$     |          | H               | $\vdash$     | H               | H               | $\vdash$        | =        |       | 62       | H  | H            | H        | H              | $\dashv$ | $\dashv$   | +  |         | 1     |       | 112      |              |          | H               | Н              | $\vdash$           | $\vdash$        | $\dashv$          | $\dashv$          | ᅱ        |
| <del> </del> | 13            | +-   | $\vdash$     | $\vdash$ | Н               | $\vdash$     | Н               | $\vdash$        | $\vdash \vdash$ | -        |       | 63       | $\vdash$   | $\vdash$     | $\vdash$ | Н              | $\dashv$ | $\dashv$   | +  | +       | 1     |       | 113      | $\vdash$     | $\vdash$ | $\vdash \vdash$ | $\vdash$       | Н                  | $\vdash$        | $\dashv$          | $\dashv$          | $\dashv$ |
| $\vdash$     | 14            | $\vdash$   | -            | -        | $\vdash \vdash$ | $\vdash$     | $\vdash \vdash$ | $\vdash \vdash$ | $\vdash$        |          | -     | 64       | <del> </del>   | $\vdash$     | -        | Н              | $\dashv$ | $\dashv$   | -+   | +       | 1     |       | 114      | _            | $\vdash$ | $\vdash$        | $\vdash$       | ;                  |                 | $\dashv$          | $\dashv$          | $\dashv$ |
| $\vdash$     | 15            | $\vdash$   | -            | -        | $\vdash \vdash$ | $\vdash$     | $\vdash$        | $\vdash$        |                 | -        |       | 65       | <del> </del>   | -            |          |                |          | -+   | -+   |         | 1     |       | 115      | -            | $\vdash$ | $\vdash \vdash$ | Н              | ıH                 | $\vdash$        | $\dashv$          | $\dashv$          | ᅱ        |
| <u> </u>     | 16            | H  | $\vdash$     | _        | Н               | $\vdash$     | Н               | Н               | Н               | $\dashv$ |       | 66       | _  | ┝            | _        | $\dashv$       | $\dashv$ | $\dashv$   | $\dashv$   | +-      | 1     |       | 116      | $\vdash$     | $\vdash$ | Н               | Н              | Н                  | $\vdash$        | $\dashv$          | $\dashv$          | ᅱ        |
| ├─           | 17            | ╁  | $\vdash$     |          | $\vdash\vdash$  | $\vdash$     |                 | $\vdash$        |                 |          |       | 67       | ├  | ├-           |          | $\vdash\vdash$ |          | $\dashv$   | -  | +       | 1     |       | 117      | $\vdash$     | $\vdash$ | $\vdash\vdash$  | $\vdash\vdash$ | Н                  | $\vdash\vdash$  | $\dashv$          |                   | $\dashv$ |
|              |               | <del> </del>                                     | $\vdash$     |          | Н               | $\vdash$     | Н               | Н               | $\vdash$        | _        |       | 68       | -  | <u> </u>     | _        |                |          | +  | +  |         | 1     |       | 118      | $\vdash$     | $\vdash$ | $\vdash\vdash$  | Н              | Н                  | $\vdash\vdash$  | $\dashv$          | $\dashv$          | -        |
| -            | 18            | -  |              |          | Н               |              | H               |                 | H               |          |       | 69       | -  | -            |          |                |          | -  | ┯  |         | 1     |       | 110      |              | -        | H               | Н              | Н                  | $\vdash\vdash$  | $\dashv$          | -                 | $\dashv$ |
|              | 19            | -  | -            |          | -               |              | -               |                 | -               |          |       |          |  | $\vdash$     |          | -              | -        | $\dashv$   | +  | +       |       |       | 119      |              | -        | $\vdash$        | Н              | Н                  | $\dashv$        | $\dashv$          | $\dashv$          | $\dashv$ |
|              | 20            |  | ⊢            |          | Н               | H            | Н               | Н               | H               | -        |       | 70       | ├  | -            | _        | Н              |          | -  | -  | +       | 1     |       | 120      | $\vdash$     |          | $\vdash\vdash$  | $\vdash$       | Н                  | $\vdash$        | $\dashv$          | $\dashv$          | 긕        |
|              | 21            |  | -            |          | -               | <u> </u>     | $\vdash$        |                 | $\vdash \vdash$ |          |       | 71       | ⊢  |              |          | Н              | $\dashv$ | $\dashv$   | +  | +       |       |       | 121      | -            | _        | Н               | Н              | Н                  | $\vdash\vdash$  | $\dashv$          | -+                | ᅴ        |
|              | 22            | <u> </u>   | <u> </u>     |          | Н               |              |                 |                 | H               |          |       | 72       | <u> </u>   | -            |          |                |          | $\dashv$   | +  | +       |       |       | 122      | _            |          | $\vdash$        | Н              | Н                  | $\vdash \vdash$ | $\dashv$          | -+                | -        |
|              | 23            | -  |              |          | Н               | _            |                 |                 | Н               | _        |       | 73       | <u> </u>   | _            |          |                |          | +  | -  | -       |       |       | 123      |              |          | Н               | Н              | Н                  | $\vdash$        |                   | $\dashv$          | -        |
| <u> </u>     | 24            | ├  | $\vdash$     |          | Н               | ├            | Н               |                 | Н               |          |       | 74       | _  |              | _        | -              | $\dashv$ | -  |  | -       |       |       | 124      | <u> </u>     |          | $\vdash$        | Ш              |                    | $\vdash$        | $\dashv$          | -                 | 4        |
|              | 25            | <u> </u>   | -            |          | -               | ļ            | Ш               |                 | $\vdash$        |          |       | 75       | $\vdash$   | <u> </u>     |          | -              |          | -  | -  | _       |       |       | 125      | <u> </u>     |          |                 | $\vdash$       | $\vdash$           | Н               | -                 | _                 | ႕        |
|              | 26            | <u> </u>   | Н            |          | Н               | _            | Ш               | -               | $\vdash$        |          |       | 76       | <u> </u>   | _            |          | _              |          |  | +  | 4       |       |       | 126      | ļ            |          | <b>  </b>       |                | Н                  | Н               | $\dashv$          |                   | 긕        |
|              | 27            | <u> </u>   | Н            |          | Н               | L            | Н               | -               | $\sqcup$        | $\dashv$ |       | 77       | L  |              |          | _              |          | -  |  | 4       |       |       | 127      | ļ            |          | $\square$       | $\vdash$       | $\dashv$           | $\dashv$        | $\dashv$          | -                 | ႕        |
|              | 28            | _  | Ш            |          | Ш               |              |                 |                 | Ш               | _        |       | 78       | _  | _            |          | Ш              | $\dashv$ | _  | _  |         |       |       | 128      | Ш            |          | Щ               | Ш              | $\dashv$           | Щ               | _                 | _                 | _        |
|              | 29            | <u> </u>   |              |          | Ш               |              | L               |                 | Ш               | _        |       | 79       | _  |              |          |                | $\dashv$ | _  | $\perp$  |         |       |       | 129      |              |          | Ш               | Ш              | Ш                  | Ш               | $\dashv$          | 4                 |          |
|              | 30            | <u> </u>   | Н            |          | Щ               |              | Ш               | Щ               | Ш               | _        |       | 80       |  | ldash        |          | Ш              | $\dashv$ | _  | _  |         |       |       | 130      |              | _        | Ш               | Ш              | Щ                  | Ш               | _                 | _                 | 긕        |
|              | 31            | ļ  | Ш            |          |                 | _            | Ш               |                 | Ш               | _        |       | 81       |  |              |          |                |          | _  | _  | $\perp$ |       |       | 131      |              |          | $\sqcup$        | <u> </u>       | Ш                  | Ш               | $\rightarrow$     | _                 | _        |
| <u> </u>     | 32            | ļ  | L            |          |                 | L            | Ш               |                 | Ш               | _        |       | 82       | _  |              |          |                | $\Box$   | _  | $\dashv$   | _       |       |       | 132      | Ш            |          | Ш               | Ш              | Щ                  | Ш               | $\rightarrow$     | $\dashv$          | _        |
| ⊢_           | 33            | <u> </u>   | Щ            |          | Щ               | $\vdash$     | Ш               | Ш               | Ш               | _        |       | 83       | <b> </b>   | Щ            |          | Щ              |          | _  | _  | _       |       |       | 133      | Ш            |          | Ш               | $\sqcup$       |                    | Щ               | _                 | $\dashv$          | $\dashv$ |
| <u> </u>     | 34            | <u> </u>   | Ш            |          | Щ               | $\vdash$     | $\sqcup$        | $\sqcup$        | $\sqcup$        |          |       | 84       |  | Щ            |          | Ш              | $\Box$   | 4  | 4  | $\perp$ |       |       | 134      | Щ            |          | $\sqcup$        | Щ              | Щ                  | Щ               |                   |                   | $\dashv$ |
| ļ            | 35            | <u> </u>   | igspace      |          | $\sqcup$        |              | $\sqcup$        |                 | $\sqcup$        |          |       | 85       | _  |              |          |                | $\sqcup$ | _  | _  | $\perp$ |       |       | 135      |              |          | Ш               | Щ              | Щ                  | Ш               |                   | _                 |          |
| <u> </u>     | 36            |  | Ш            |          | Ш               | L.,          | Ш               |                 | Ш               |          |       | 86       |  | <u> </u>     |          | Ш              | $\Box$   | _  | _ _  | $\bot$  |       |       | 136      | Щ            |          | Ш               | Ш              | Щ                  | Ш               | $\dashv$          | Ц                 |          |
| <u> </u>     | 37            |  | Ш            |          | Ш               |              | Ш               | Ш               | Ш               |          |       | 87       | Щ  | Ш            |          | Ш              | $\Box$   | 4  | $\perp$  |         |       |       | 137      | Ш            | Щ        | Ш               | Ш              |                    | Ш               | Ц                 | $\dashv$          |          |
| <u> </u>     | 38            | _  | Ш            |          | Ш               | Ш            | Ш               |                 | Ш               |          |       | 88       | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$   | Щ            |          |                |          | _  |  |         |       |       | 138      | Щ            |          | Ш               | Ш              | Ш                  | Ш               | $\Box$            |                   | $\Box$   |
| L            | 39            | $oxed{oxed}$                                     | Ш            |          | Ш               | Ш            | Ш               | Ш               | Ш               |          |       | 89       | _  |              |          | Ш              | ·        | $\dashv$   | $\perp$  | $\perp$ |       |       | 139      | Ш            |          | $\square$       | Ш              | Ш                  | Ш               |                   |                   | ]        |
|              | 40            | <u> </u>   |              |          |                 |              |                 |                 | Ш               |          |       | 90       | $ldsymbol{ld}}}}}}$ |              |          |                |          |  | _  | 丄       |       |       | 140      |              |          |                 | Ш              |                    | Ш               | $\perp$           |                   | ]        |
| <u> </u>     | 41            | $oxed{oxed}$                                     | Ш            |          | Ш               | $oxed{oxed}$ | Ш               | $\sqcup$        | Ш               |          |       | 91       | $oxedsymbol{oxed}$   |              |          |                |          |  |  |         |       |       | 141      | $oxed{oxed}$ |          | Ш               | Ш              |                    | Ш               | $\Box$            | $\Box$            |          |
|              | 42            | /  | Ш            |          | ╚               |              | Ш               | $\Box$          | Ш               |          |       | 92       |  |              |          |                |          | $\perp$  |  |         |       |       | 142      |              |          | $\Box$          | Ш              | $oxedsymbol{oxed}$ | Ш               |                   | [                 |          |
|              | 43            | 11   | Ш            |          |                 |              |                 |                 | Ш               |          |       | 93       | V  |              |          |                |          | $\perp$  |  |         |       |       | 143      |              |          |                 |                |                    | $\Box$          |                   | [                 |          |
|              | 44            | Ц  | Ш            |          | Ш               | Ш            | Ш               |                 |                 |          |       | 94       | لدا  |              |          | ]              |          | $\perp$  |  | $\perp$ | ]     |       | 144      |              |          |                 | Ш              |                    | $\Box$          | $oldsymbol{\bot}$ | $_{\perp}$        |          |
|              | 45            | Ш  | Ш            |          |                 |              |                 |                 | $\Box$          | ]        |       | 95       | $\coprod$  |              |          | ]              |          | $\Box$   |  |         |       |       | 145      |              |          |                 |                |                    |                 | $\Box$            | $oldsymbol{\bot}$ |          |
|              | 46            | Ш  | $\square$    |          |                 |              |                 |                 | $\Box$          | ]        |       | 96       | Ш  |              |          |                |          | $\Box$   | $\perp$  |         | ]     |       | 146      |              |          |                 |                |                    |                 |                   | $\Box$            |          |
|              | 47            | Ш  |              |          |                 |              |                 |                 | $\Box$          |          |       | 97       | Ш  |              |          |                |          | $\bot$   | $oldsymbol{ol}}}}}}}}}}}}}}}}$ |         |       |       | 147      |              |          |                 |                |                    |                 |                   | $\Box$            |          |
| L            | 48            | Щ  |              |          |                 |              |                 |                 |                 |          |       | 98       | Ш  |              |          |                |          | $oldsymbol{ol}}}}}}}}}}}}} $ | $oxed{oxed}$   | _L_     |       |       | 148      |              |          |                 |                |                    |                 |                   |                   |          |
|              | 49            | ľ  |              |          |                 |              |                 |                 |                 |          |       | 99       |  | _            |          |                |          | $_{\perp}$   |  | $\Box$  |       |       | 149      |              |          |                 |                |                    |                 | T                 | Т                 | $\neg$   |
|              | 50            | ~  |              |          |                 |              |                 |                 |                 |          | •     | 100      | V  |              |          |                |          | T  | $\mathbb{I}$   |         | ]!!!! |       | 150      |              |          | П               |                |                    | П               | T                 | T                 | П        |